



Sector  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : April 12, 2001  
Chu : Group Art Unit: 1714  
Serial No. 09/759,958 : Examiner:  
Filed: January 12, 2001 : Docket No.: W9298-03  
For: Thermoplastic Adsorbent Compositions  
Containing Wax and Insulating Glass Units  
Containing Such Compositions

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION

Honorable Director of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Applicant hereby encloses a copy of the Notice to File Missing Parts of Nonprovisional Application relating to the above-referenced patent application. Applicant did include the enclosed Declaration and Power of Attorney with the application filed on January 12, 2001, as evidenced by the enclosed copy of Utility Application Transmittal and Return Receipt Postcard.

It is respectfully requested that we not be charged the \$130 as requested in the Notice to File Missing Parts.

Respectfully submitted,

Charles A. Cross  
Attorney for Applicant  
Reg. No. 32,406

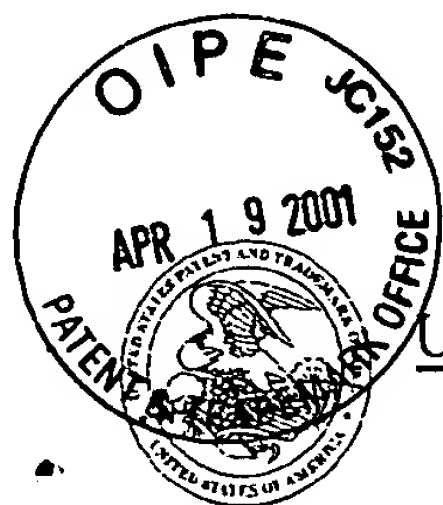
Tel: (410) 531-4518  
W. R. Grace & Co.-Conn.  
7500 Grace Drive  
Columbia, Maryland 21044

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

Pursuant to 37 CFR §1.8, I hereby certify that I have a reasonable basis to expect that this correspondence will be deposited with the United States Postal Service on or before the date indicated, as First Class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

April 16, 2001  
Date

Richard D. Warr  
Signature



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/759,958	01/12/2001	Jia-Ni Chu	W9298-03

CONFIRMATION NO. 4265

## FORMALITIES LETTER



\*OC000000005764910\*

Charles A. Cross  
W. R. Grace & Co.-Conn.  
Patent Dept.  
7500 Grace Drive  
Columbia, MD 21044-4098

Date Mailed: 02/14/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

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*A copy of this notice MUST be returned with the reply.*

*Wassene Merso*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Docket April 12, 2001

The Patent & Trademark Office stamp affixed hereto indicates date of receipt in Patent Office of Reference W9298-03; Inventor: Chu; for "Thermoplastic Adsorbent Compositions Containing Wax and Insulating Glass Units Containing Such Compositions" *DAV-ADS*  
Specification - 9 pages; Claims 4 pages; Abstract 1 page  
Declaration and Power of Attorney  
Filing Fee of \$816.00 to be charged to  
Deposit Account No. 07-1770;  
Letter of Transmittal, in triplicate.

FOR SERIAL NUMBER:

CAC:vdw  
Atty Docket W9298-03  
Mailed: 1/12/01



OFFICE OF THE  
APR 19 2001  
UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Submit an original, and a duplicate for fee processing)  
(Only for nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No:

W9298-03

Page 1 of 3

First Named Inventor or Application Identifier

Jia-Ni Chu

Express Mail Label No: EF143837805US

Date Mailed: 1/12/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Director for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee :
  - a. ☐ Separate Fee Transmittal Form Submitted
  - b. ☐ See boxes 29-31
2. ☒ Specification                      Total Pages
3. ☐ Drawing(s) (35 USC 113)              Total Sheets
4. ☒ Oath or Declaration
  - a. ☐ Newly executed:
    - i. ☐ Original for first filing of nonprovisional application
    - ii. ☐ Original for C-I-P application
    - iii. ☐ Original for Continuation or Divisional application naming an inventor not named in prior application (37 CFR 1.63(d)(5))
  - b. ☒ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 19 completed):
    - i. ☒ With no change of inventive entity in prior application needed
    - ii. ☐ With deletion of inventors requested at Box 27(a)(i) (37 CFR 1.48(b)) (see also 37 CFR 1.63(d)(2) and 1.33(b)).
5. ☐ Incorporation By Reference (*useable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(b) Statement (*to establish right of assignee to take action*)
10. ☐ Power of Attorney
11. ☐ English Translation Document (*if applicable*)

12. ☐ Information Disclosure Statement (*See 37 CFR 1.17(p) for fee*)
- a. ☐ Copies of IDS Citations
- b. ☐ (IDS) / PTO-144913. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)(*Should be specifically itemized*)
15. ☐ Small Entity Statements:
- a. ☐ A small entity statement is enclosed claiming small entity status
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired
16. ☐ Priority of ☐ U.S. provisional application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ ☐ foreign application No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ (country), is claimed under 35 U.S.C. 119.
17. ☐ Certified Copy of Priority Document(s)(*if foreign priority is claimed*)
18. ☐ Other Documents Enclosed:

**FOR A CONTINUING APPLICATION OR A 35 U.S.C. § 111(a) APPLICATION  
CLAIMING PRIORITY UNDER 111(b) PROVISIONAL APPLICATION**

19. Check appropriate box and supply the requisite information:  
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
20. ☒ Prior Application Information:  
US Serial No: 08/889,656 , Filing Date: July 8, 1997  
Prior Application Examiner: P. Michl  
Prior Application Art Unit: 1714
21. ☐ Cancel in this application original claims \_\_\_\_\_ of the prior application before calculating the filing fee.  
(At least one original independent claim must be retained for filing purposes).
22. ☐ Amend the specification by inserting before the first line the sentence:  
This is a ☒ continuation ☐ division of application Serial No. 08/889,656, filed July 8, 1997.
23. ☒ Amend the specification by inserting before the first line the sentence:  
  
☐ This application claims priority under 35 U.S.C. § 119 of the following provisional application Serial No(s). \_\_\_\_\_ and filing date(s) \_\_\_\_\_  
  
☒ The entire disclosure of application Serial No. 08/889,656, filed July 8, 1997 is incorporated herein by reference.
24. ☐ New formal drawings are enclosed.
25. ☐ A certified copy of the priority application has been filed in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
26. ☒ The prior application is assigned of record to: W. R. Grace & Co.-Conn.
27. ☐ The Power of Attorney in the prior application is to:
- a. ☐ The power appears in the original papers of the prior application.
- b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

**Inventorship Modifications For Continuation or Divisional Application**28. ☐ Change the inventorship of this application by:a. ☐ Deleting the following inventors named in the prior application (37 CFR 1.53(b)(1)):

\_\_\_\_\_, because claim changes resulted in fewer than all of the previously named inventors of the prior application being the actual inventors of the invention being currently claimed in this CPA application (This request constitutes a Petition in accordance with 37 CFR 1.48(b))(See Box 4(b)(ii) and 37 CFR 1.17(i) for fee);

**FEES**29. ☒ The filing fee is calculated below:**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT BELOW**

For:	Number Filed	Number Extra	Rate	TOTALS
Total Claims	27	7	\$18.00	\$126.00
Independent Claims	3	0	\$80.00	\$0.00
1st Time Multiple Dependent Claims (Yes=1 or No=0) =		0	\$270.00	\$0.00
BASIC FILING FEE			\$710.00	\$690.00
TOTAL FILING FEE DUE:				\$816.00
Other Fees				
Fee Type				Fee Amount
Total Fees				

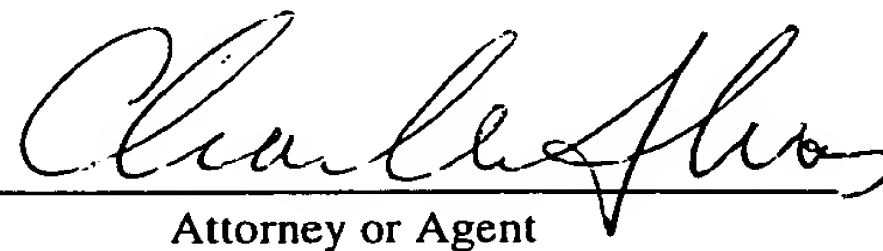
30. ☒ Please charge \$816.00 to Deposit Account No. 07-1770.  
Two additional copies of this form are enclosed.

31. ☒ The Director is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required, or credit any overpayment to Deposit Account No. 07-1770.  
Two additional copies of this form are enclosed.

**CORRESPONDENCE ADDRESS**32. ☒ Address all future communications to:

Charles A. Cross  
W. R. Grace & Co.-Conn.  
Patent Dept.  
7500 Grace Drive  
Columbia, MD 21044-4098

January 12, 2001  
Date of Signature

  
Attorney or Agent

**Address of Signator:**

W. R. Grace & Co.-Conn.  
Patent Department  
7500 Grace Drive  
Columbia, MD 21044-4098

Charles A. Cross-Reg No. 32,406  
Telephone: 410-531-4508

☐ Attorney or agent of record  
☒ Filed under 37 CFR 1.34(a)

Product Code: DAV/ADS  
cc: R. A. Maggio

W.R. Grace & Co.-Conn.  
Patent Dept.  
7500 Grace Drive  
Columbia, MD 21044

AMENDMENT TRANSMITTAL FORM

Attorney Docket No. W9298-03

In re application of: Chu

Serial No. 09/759,958

Filed: January 12, 2001

Group Art Unit: 1714

Examiner: P. Michl

For: Thermoplastic Adsorbent Compositions Containing Wax and  
Insulating Glass Units Containing Such Compositions

THE DIRECTOR OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Transmitted herewith is an amendment/response in the above-identified application.

- ☒ NO ADDITIONAL FEE IS REQUIRED.  
☒ The fee for any changes in number of claims has been calculated below:

CLAIMS AS AMENDED

(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest No. Previously Paid For	(5) Present Extra	(6) Rate	Additional Fee
Total Claims	23	Minus	**27	*0	\$18.00	\$ 0.00
Indep. Claims	2	Minus	***3	*0	\$80.00	\$ 0.00
			****For Multiple Dependent Claims Add:		\$270.00	\$
					<b>TOTAL FEE DUE:</b>	\$ 0.00

\*If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

\*\*If the "Highest Number Previously Paid for" IN THIS SPACE is less than 20, write "20" in this space.

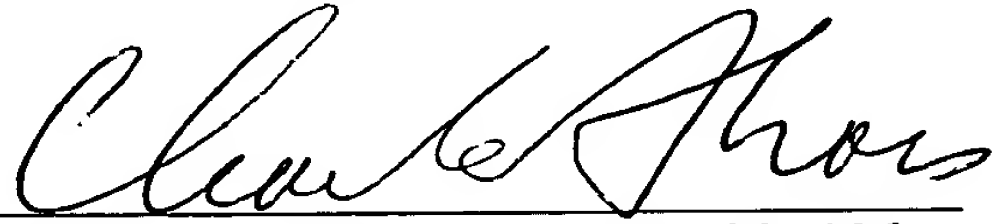
\*\*\*If the "Highest Number Previously Paid for" IN THIS SPACE is less than 3, write "3" in this space.

\*\*\*\*Multiple Dependent Claim fee is only paid once.

☐ Please charge \$\_\_\_\_\_ to Deposit Account No. 07-1770.  
Two extra copies of this sheet are enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees under  
37 CFR 1.16 and 1.17 which may be required, or credit any overpayment,  
to Deposit Account No. 07-1770. Two extra copies of this form are enclosed.

4/16/01  
Date of Signature

  
Charles A. Cross-Reg. No. 32,406  
Telephone: 410-531-4518